



JABATAN KEJURUTERAAN AWAM

Diploma in Wood Based Technology

PROGRAMME EDUCATIONAL OBJECTIVES (PEO) - EFFECTIVE JUNE 2014

The Diploma in Wood-Based Technology programme shall produce semi professionals who are:

1. Intellect, technically competent and able to adapt themselves with the new technology advancement and challenges especially in wood engineering, wood science and wood processing.
2. Excellent in communication skill and capable to unravel the problems surrounding wood based technology creatively, critically and innovatively.
3. Ethical, responsible and possess high sense of leadership and soft skill attributes.
4. Able to demonstrate entrepreneurship skills and adhere to the concept of lifelong learning.

PROGRAMME LEARNING OUTCOMES (PLO) - EFFECTIVE JUNE 2014

Upon completion of the programme, the graduates should be able to:

1. Apply fundamental knowledge emphasized in wood engineering, wood science, wood processing and management.
2. Display appropriate techniques and skills to fulfil the requirement and changes in wood based industries.
3. Communicate effectively with the surrounding community.
4. Critically, creatively and effectively generate solutions in solving problems.
5. Display effective social skill and possessed high accountability towards self and surrounding community.
6. Adhere to the needs of continuous learning and demonstrate good information management skill.
7. Inculcate entrepreneurship and show good managerial skills.
8. Exhibit professionalism, good ethics and moral behavior.
9. Demonstrate high leadership skill and able to work independently or as a team.



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Diploma in Wood Based Technology

PROGRAMME EDUCATIONAL OBJECTIVES (PEO) - EFFECTIVE JUNE 2020

The Diploma in Wood Based Technology programme shall produce balance TVET graduates who:

1. Applies creative and critical thinking skills effectively together with great practical skills to provide quality and recognised solutions in wood industries.
2. Engages in entrepreneurship activities and demonstrate good interpersonal skills with proficient digital literacy to develop a holistic individual.
3. Interacts effectively in workplace with local or global setting and comply with organizational and professional ethics in their respective work environment.
4. Identify self-improvement initiatives and apply sustainable practices to lead and be responsible towards the surrounding communities.

PROGRAMME LEARNING OUTCOMES (PLO) - EFFECTIVE JUNE 2020

Upon completion of the programme, students should be able to:

1. Apply fundamental knowledge of wood technology emphasized in product design and manufacturing, wood engineering, wood science and management.
2. Identify concepts theory and principles or analyse creative and critically in solving problems within wood industries.
3. Display appropriate practical skills and make adjustment to practices or process according to the changes in wood based industries.
4. Communicate clearly, proficiently and interact effectively both orally and writing.
5. Use digital applications in interpreting routine and complex numerical or visual data.
6. Lead and perform work responsibly and with autonomy under broad guidance and well defined work activities.
7. Identify self-improvement initiative, develop realistic career, engage in entrepreneurship and participate in activities with surrounding community.
8. Comply with organisational professional ethics together with the ability to apply sustainable practices in global work social environmental.